

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: )  
Sachiko KIMURA ) Group Art Unit: 1761  
Serial No.: 10/660,589 ) Examiner:  
Filed: September 12, 2003 ) Attorney Docket: 14446CON  
For: FUNCTIONAL CEREALS )  
)  
)  
)



Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
USA

Dear Sir/Madam:

**INFORMATION DISCLOSURE STATEMENT**

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This information disclosure statement is being filed within three months of the filing date of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first official action on the merits and therefore applicant respectfully requests consideration under 37 CFR 1.97(b).

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO-1449.

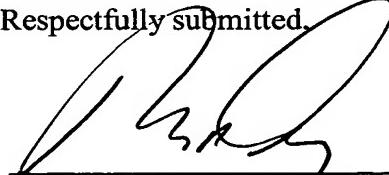
In compliance with 37 CFR 1.98(a)(2), also enclosed, where applicable, is a legible copy of:

- i) each United States and foreign patent;
- ii) each publication or that portion which caused it to be listed; and
- iii) all other information or that portion which caused it to be listed.

In accordance with 1.98(a)(3)(i), a copy of the International Search Report issued in corresponding International PCT Patent Application No. PCT/JP02/02287 has been provided as a concise explanation of the relevance, as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the information, of each patent, publication, or other information listed that is not in the English language and that is not otherwise described in the specification.

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



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Date: 1/21/2004  
Encls.

Our Ref.: 1631109-0005  
NH/kek

FORM PTO-1449  INFORMATION DISCLOSURE CITATION OF A IN AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) 14446CON	Application Number 10/660,589
		Applicant Sachiko Kimura	
		Filing Date September 12, 2003	Group Art Unit 1761

*JAN 21 2004*

*PATENT & TRADEMARK OFFICE*

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE dd/mm/yy	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE dd/mm/yy	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES
	0 682 880 A2	22/11/95	EP			
	0 770 324 A2	02/05/97	EP			X
	60-221067	05/11/85	JP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Brzezinski, Amnon, Melatonin in Humans, <i>The New England Journal of Medicine</i> , Vol. 335, No. 3, January 16, 1997, pp 186-195.
	Dollins, Andrew B., Effect of Inducing Nocturnal Serum Melatonin Concentrations in Daytime on Sleep, Mood, Body Temperature, and Performance, <i>Proceedings of the National Academy of Sciences</i> , Vol. 91, March 1994, pp 1824-1828.
	Haimov, Iris, Melatonin Replacement Therapy of Elderly Insomniacs, <i>American Sleep Disorders Association and Sleep Research Society</i> , Vol. 18, No. 7, 1995, pp 598-603.
	Hattori, Atsuhiko, Identification of Melatonin in Plants and its Effects on Plasma Melatonin Levels and Binding to Melatonin Receptors in Vertebrates, <i>Biochemistry and Molecular Biology International</i> , Vol. 35, No. 3, March 1995, pp 627-634.
	Iguchi, Haruo, Age-Dependent Reduction in Serum Melatonin Concentrations in Healthy Human Subjects, <i>Journal of Clinical Endocrinology and Metabolism</i> , Vol. 55, No. 1, 1982, pp 27-29.
	International Search Report for International Patent Application No. PCT/JP02/02287, ISA: Japanese Patent Office, June 4, 2002, pp 1-2.
	Maestroni, Georges J. M., The Immunoneuroendocrine Role of Melatonin, <i>Journal of Pineal Research</i> , Vol. 14, 1993, pp 1-10.
	Miles, Andrew, Melatonin: Perspectives in Laboratory Medicine and Clinical Research, <i>CRC Critical Reviews In Clinical Laboratory Sciences</i> , Vol. 25, Issue 3, 1987, pp 231-253.
EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>FORM PTO-1449</b>		Docket Number (Optional) 14446CON	Application Number 10/660,589
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<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE dd/mm/yy	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES
	05-076245	30/03/93	JP			X
	07-184591	25/07/95	JP			X
	09-163941	24/06/97	JP			X
	09-248065	22/09/97	JP			X
	10-117511	12/05/98	JP			X
	2000-217520	08/08/00	JP			X

<b>OTHER DOCUMENTS</b> ( <i>Including Author, Title, Date, Pertinent Pages, Etc.</i> )		
		Patent Abstracts of Japan, Publication No. 60-221067, Published November 5, 1985, Nutritive Tasty Drink, 1 page.
		Patent Abstracts of Japan, Publication No. 05-076245, Published March 30, 1993, Peanut Sprout and its Production, 1 page.
		Patent Abstracts of Japan, Publication No. 07-184591, Published July 25, 1995, Salt Damage-Preventing Salt, 1 page.
		Patent Abstracts of Japan, Publication No. 09-163941, Published June 24, 1997, Processing of Sprouted Cereal, 2 pages.
		Patent Abstracts of Japan, Publication No. 09-248065, Published September 22, 1997, Peanut Sprout Production and Device Therefor, 2 pages.
		Patent Abstracts of Japan, Publication No. 10-117511, Published May 12, 1998, Production of Germination Hastened Seed, 1 page.
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	DOCUMENT NUMBER	DATE dd/mm/yy	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES      NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
	Patent Abstracts of Japan, Publication No. 2000-217520, Published August 8, 2000, Germinated Unpolished Rice Excellent in Safety and Boiling Property, its Production and its Processed Food, 1 page.
	Petrie, Keith, A Double-Blind Trial of Melatonin as a Treatment for Jet Lag in International Cabin Crew, Society of Biological Psychiatry, Vol. 33, 1993, pp 526 – 530.
	Reiter, Russel, J., The Ageing Pineal Gland and Its Physiological Consequences, BioEssays, Vol. 14, No. 3, March 1992, pp 169 – 175.
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